

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	191	((actuator coil solenoid) same ((second two secondary pair dual double) adj current) (detect\$3 measur\$3 sens\$3 monitor\$3)) and diagnosis and integrat\$3 adj current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 13:31
L3	32	("3604949"   "4464621"   "5057814"   "5081404"   "5166852"   "5173832"   "5311138"   "5341265"   "5430438"   "5469825"   "5481194"   "5491601"   "5508872"   "5561380"   "5572142"   "5638247"   "5737711"   "5784245"   "5790965"   "5796259"   "5939625"   "5957985"   "5962934"   "5990647"   "6028431"   "6072955"   "6147498"   "6222374"   "6281631"   "6304423"   "6307376"   "6324040").PN. OR ("6759851").URPN. and integrat\$3 adj current	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 12:47
L5	34	(((((second two secondary pair dual double) adj current) near2 (detect\$3 measur\$3 sens\$3 monitor\$3))) and (detect\$3 measur\$5 sens\$3 monitor\$3) and (compar\$4 differentiat\$3 differ\$5 subtract\$3 minus\$3) and (actuator coil solenoid coil contactor contact) and (fault fail short ) and (algorithm data design formula method principle process code program) AND (analys\$3 calculat\$3 determinat\$3 diagnos\$3) and integrat\$3 adj current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 13:19
L7	89	(((((second two secondary pair dual double) adj current) near2 (detect\$3 measur\$3 sens\$3 monitor\$3))) and (detect\$3 measur\$5 sens\$3 monitor\$3) and (compar\$4 differentiat\$3 differ\$5 subtract\$3 minus\$3) and (actuator coil solenoid coil contactor contact) and (fault fail short ) and (algorithm data design formula method principle process code program) AND (analys\$3 calculat\$3 determinat\$3 diagnos\$3) and integrat\$3 near2 current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 13:19

## EAST Search History

L8	55	7 not 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 13:30
L9	1	(7 not 5) and 361/139.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 13:30
L14	1	((actuator coil solenoid) same ((second two secondary pair dual double) adj current) (detect\$3 measur\$3 sens\$3 monitor\$3)) and 361/139.ccls. and integrat\$3 adj current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 13:39
L15	220	((actuator coil solenoid) same ((second two secondary pair dual double) adj current) (detect\$3 measur\$3 sens\$3 monitor\$3)) and "361"/\$.ccls. and integrat\$3 adj current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 13:42
L16	1	((actuator coil solenoid) same ((second two secondary pair dual double) adj current) (detect\$3 measur\$3 sens\$3 monitor\$3)) and "361"/\$.ccls. and integrat\$3 adj current and injection and combustion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 13:44
L17	21	((actuator coil solenoid) same ((second two secondary pair dual double) adj current) (detect\$3 measur\$3 sens\$3 monitor\$3)) and "361"/\$.ccls. and integrat\$3 adj current and vehicle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 13:49
L18	2	((actuator coil solenoid) same ((second two secondary pair dual double) adj current) (detect\$3 measur\$3 sens\$3 monitor\$3)) and "361"/\$.ccls. and integrat\$3 adj current near3 capacit\$3 and vehicle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 13:55

## EAST Search History

L19	4	((actuator coil solenoid) same (detect\$3 measur\$3 sens\$3 monitor\$3)) same (integrat\$3 adj current near\$3 capacit\$3) same (fault\$3 fail\$3 short\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 13:58
L20	4	((actuator coil solenoid) and (detect\$3 measur\$3 sens\$3 monitor\$3)) same (integrat\$3 adj current near\$3 capacit\$3) same (fault\$3 fail\$3 short\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 13:58
L21	11	((actuator coil solenoid) and (detect\$3 measur\$3 sens\$3 monitor\$3)) same (integrat\$3 adj current) same (fault\$3 fail\$3 short\$3) same charg\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 13:58
L22	10	21 not 20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 13:59

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S49	88	(actuator coil solenoid) same (integrat\$3 adj current) same (fault\$3 fail\$3 short\$3) same (resulting adj\$3 charge)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 14:20
S50	18	(actuator coil solenoid) same (integrat\$3 adj current) same (fault\$3 fail\$3 short\$3) same (charg\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 14:34
S51	36	(actuator coil solenoid) and (integrat\$3 adj current) same (fault\$3 fail\$3 short\$3) same (charg\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 14:34
S52	18	S51 not S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 14:35
S53	317	361/139.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 14:49